

The Utah Department of Transportation's (UDOT) I-15 CORE project in Utah County will be constructed using a method called design-build. This process allows for a faster construction timeline and more efficiency, while fostering flexibility and innovation. Design-build encompasses UDOT determining initial design and construction parameters and then allowing industry experts to offer ideas and details for best accomplishing the project within the necessary budget, timeline, quality and material requirements.

About Design-Build

- Accelerates project timeline from planning and designing to actual construction
- Allows more innovation and flexibility from the contractor than the traditional design-bid-build method including the use of new technologies and techniques
- Simplifies the process as architects, builders, designers and engineers form an integrated design and construction team and act as a single source for the project and its accountability
- Integrates the entire project and construction team from the earliest possible stage
- Encourages competition in the contractor selection process
- An estimated 40 percent of the U.S. design and construction industry work or have worked on projects using this method

UDOT's Use of Design-Build

- The Interstate-15 Reconstruction Project in 1998 was UDOT's first project to use design-build
- From 1998-2007, UDOT employed design-build construction on 18 projects including the I-15 Reconstruction, 12300 South Reconstruction, State Road 201 from I-15 to 3600 West and I-15 NOW
- In 2007, UDOT awarded six design-build projects including State Road 77 reconstruction and I-15 from 500 North to Interstate-215, as well as smaller projects like the Parley's Canyon bridges reconstruction, the 3300 South bridge at I-215 reconstruction and work on I-15 from 90000 to 10600 South
- By July 2009, eight more UDOT projects will be awarded using the design-build method including Pioneer Crossing, State Road 92 Reconstruction, 11400 South interchange/reconstruction and South Layton Interchange as well as smaller projects like I-15 7200 South to 9000 South and bridge rehabilitation projects at I-80 and 2300 East, I-80 at Echo, and six bridges on I-15 in Payson.

Design Build and I-15 CORE

- I-15 CORE is using a fixed-price, best-design approach in its design-build procurement process to maximize the dollars allocated by the Utah state legislature and provide the most value to its public
- UDOT has an aggressive timeline for the I-15 CORE design-build project and is actively planning, designing, collaborating with communities and working to select the right design-build contractor team
- The I-15 CORE Request For Proposals to determine its design-builder was released in June 2009 and will be awarded by December 2009; Construction is expected to begin in spring 2010
- UDOT will remain in constant oversight of I-15 CORE and has an independent review team to monitor quality and ensure parameters are met by the design-builder throughout construction

Sources: Utah Department of Transportation; Design-Build Institute of America